

1/6

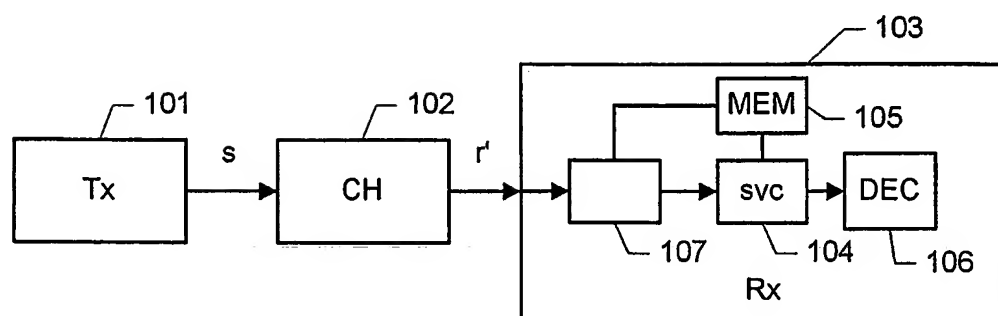


Fig. 1a

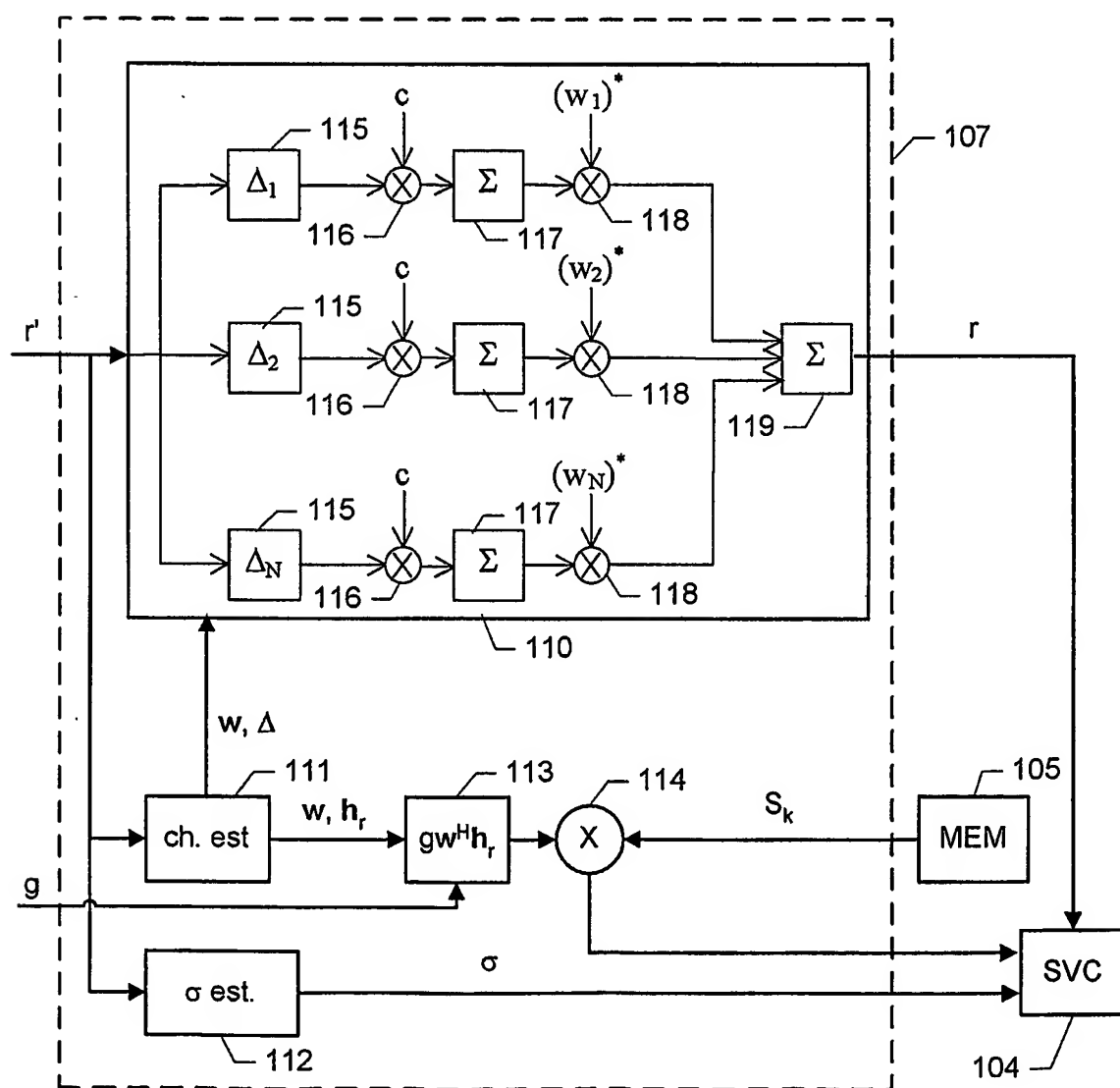


Fig. 1b

2/6

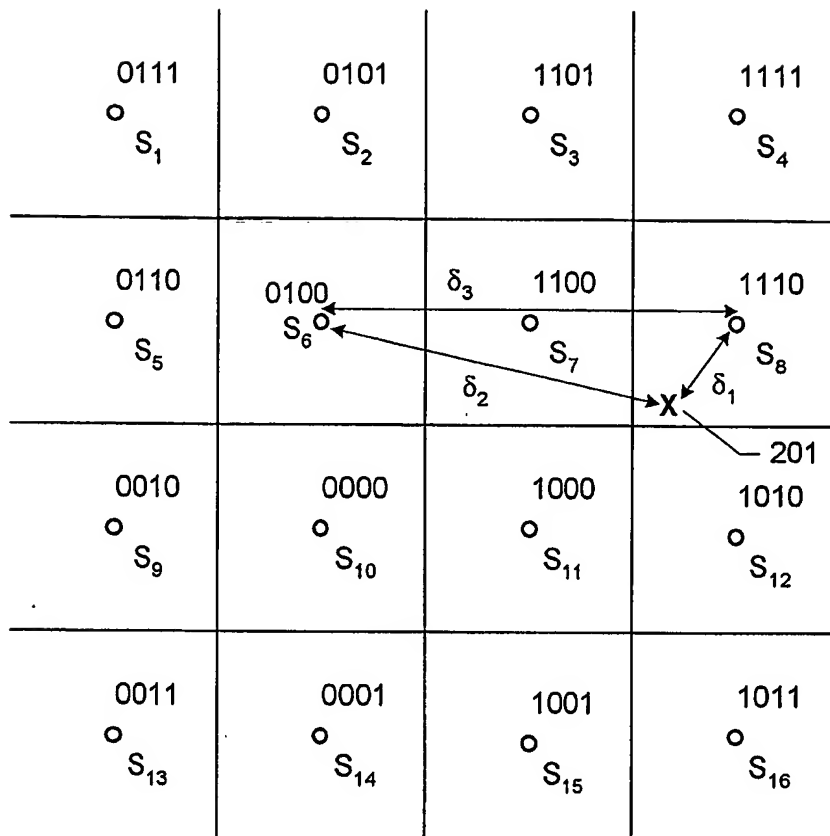


Fig. 2

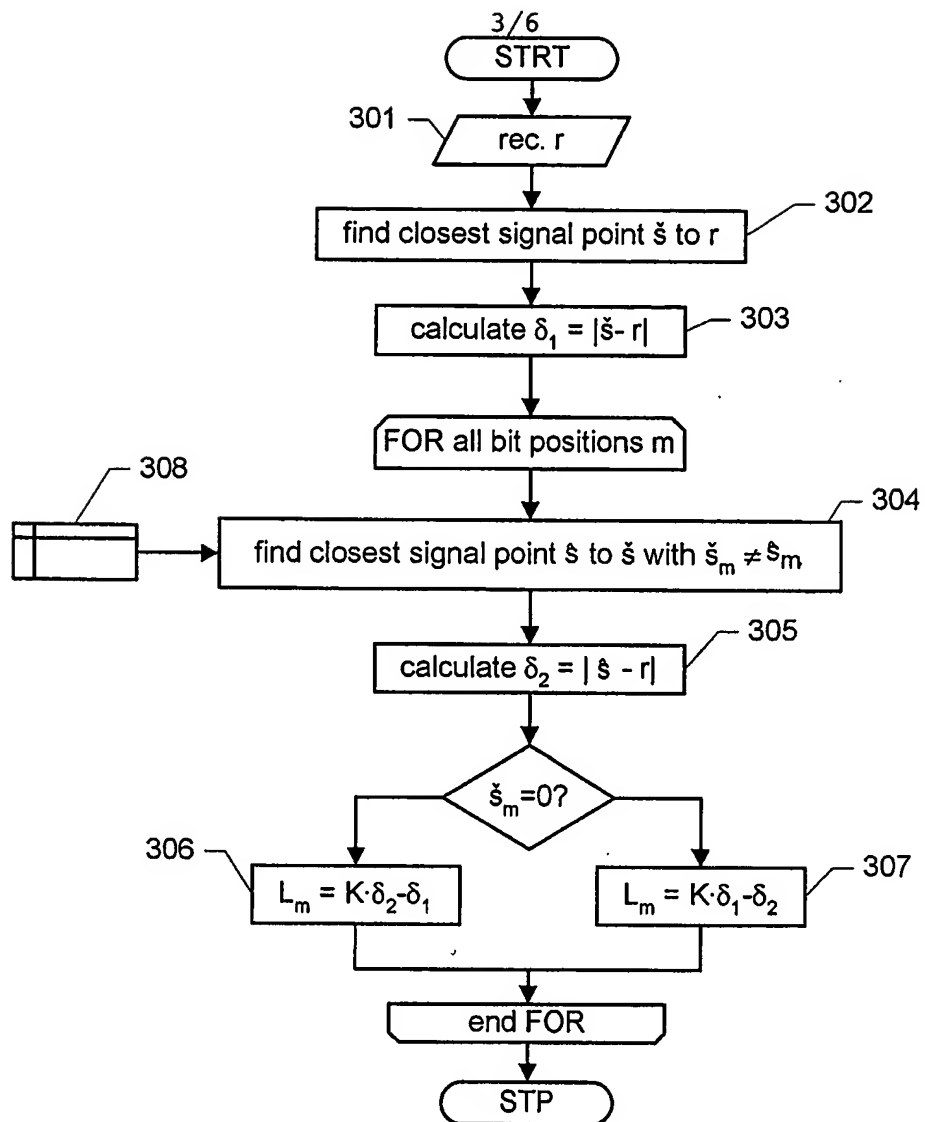


Fig. 3

402

	m = 1	m = 2	...	m = log <sub>2</sub> (M)
$\check{s} = S_1$	$\hat{s} = S_3$	$\hat{s} = S_9$	...	$\hat{s} = S_5$
$\check{s} = S_2$	$\hat{s} = S_3$	$\hat{s} = S_{10}$	...	$\hat{s} = S_6$
$\vdots$	$\vdots$	$\vdots$	$\ddots$	$\vdots$
$\check{s} = S_M$	$\hat{s} = S_{14}$	$\hat{s} = S_8$	...	$\hat{s} = S_{12}$

308

Fig. 4

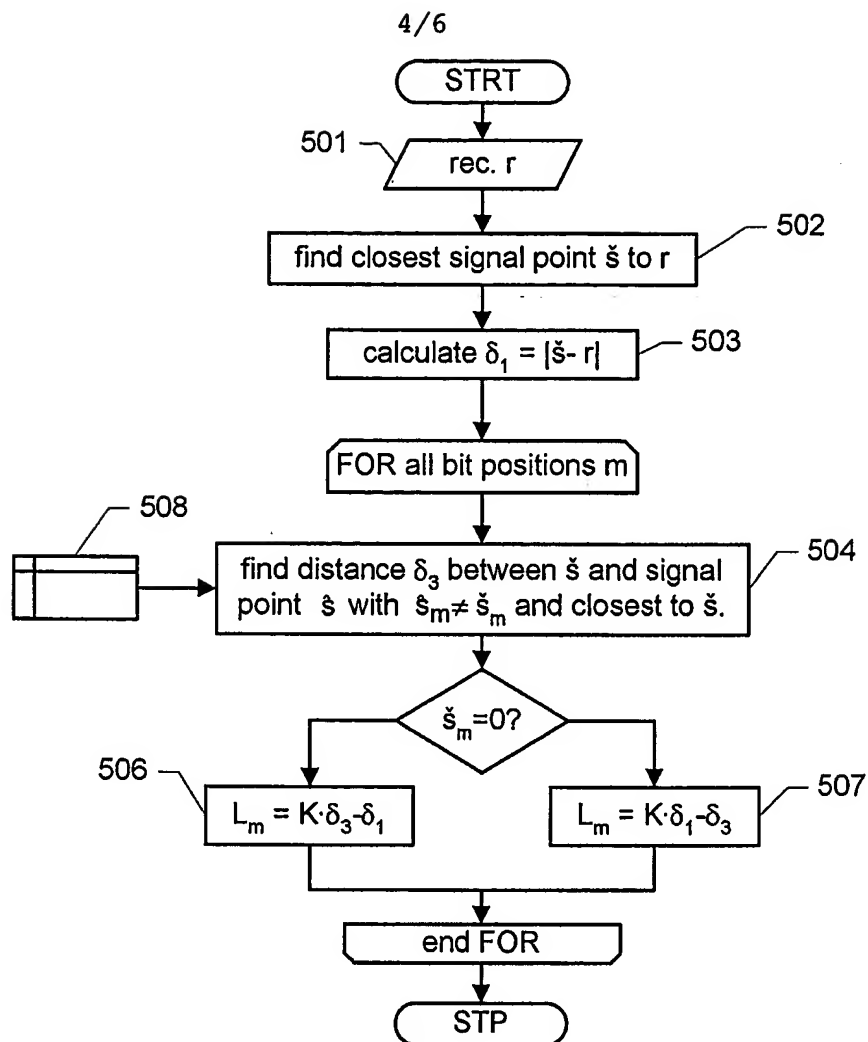


Fig. 5

	$m = 1$	$m = 2$	...	$m = \log_2(M)$
$S_1$	$d_{1,1}$	$d_{1,2}$	...	$d_{1,\log(M)}$
$S_2$	$d_{2,1}$	$d_{2,2}$	...	$d_{2,\log(M)}$
$\vdots$	$\vdots$	$\vdots$	$\ddots$	$\vdots$
$S_M$	$d_{M,1}$	$d_{M,2}$	...	$d_{M,\log(M)}$

508

Fig. 6

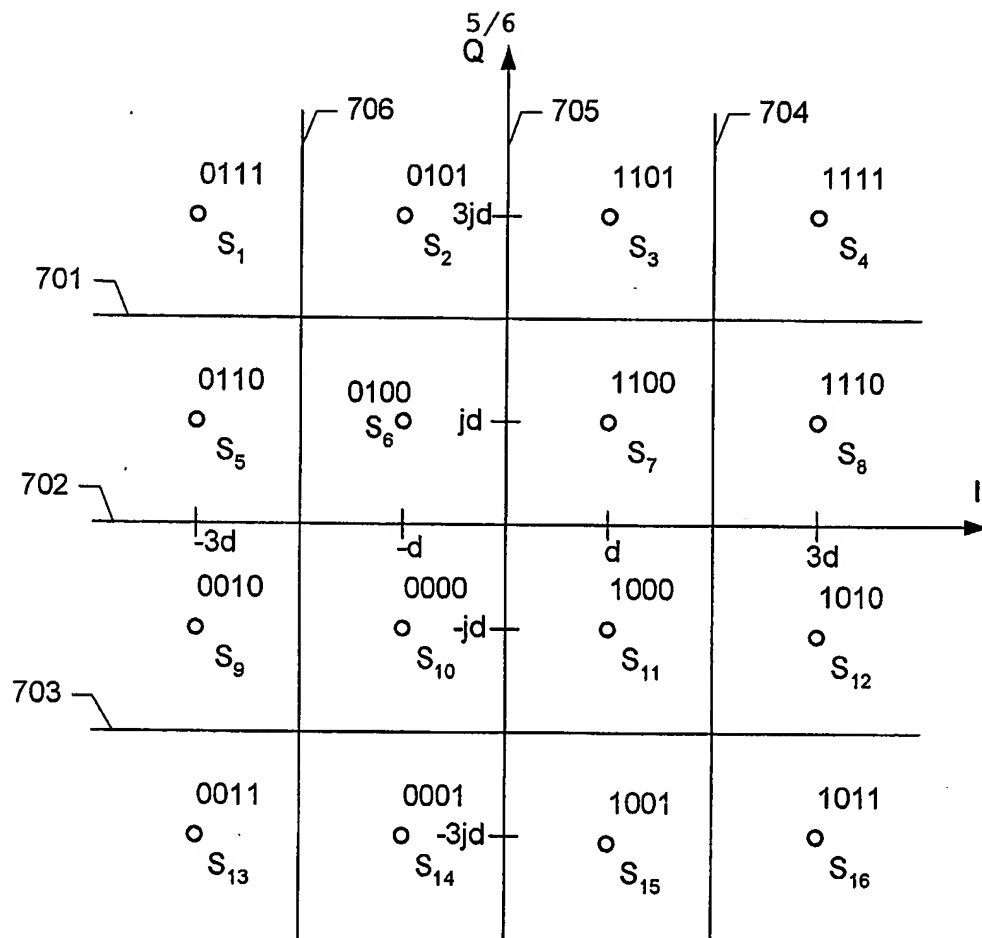


Fig. 7

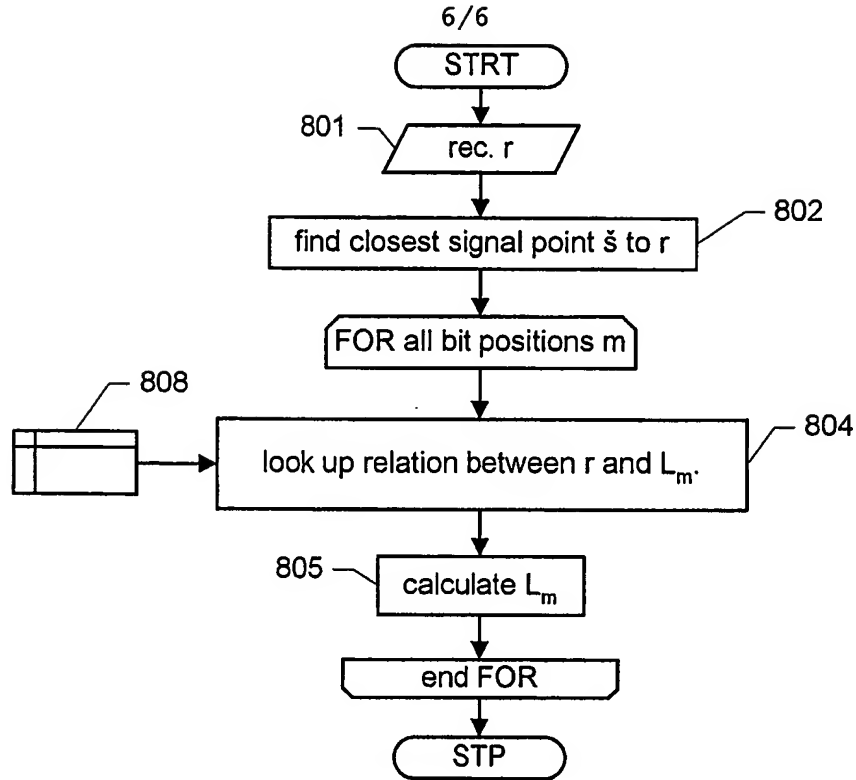


Fig. 8

Decision region	$L_1$	$L_2$	$L_3$	$L_4$
$S_1$	$4K \cdot (2ad - 2d^2)$	$4K \cdot (-2bd + 2d^2)$	$4K \cdot (ad - 2d^2)$	$4K \cdot (bd - 2d^2)$
$S_2$	$4K \cdot (ad)$	$4K \cdot (-2bd + 2d^2)$	$4K \cdot (ad - 2d^2)$	$4K \cdot (bd - 2d^2)$
$S_3$	$4K \cdot (-ad)$	$4K \cdot (-2bd + 2d^2)$	$4K \cdot (ad - 2d^2)$	$4K \cdot (bd - 2d^2)$
$S_4$	$4K \cdot (-2ad + 2d^2)$	$4K \cdot (-2bd + 2d^2)$	$4K \cdot (ad - 2d^2)$	$4K \cdot (bd - 2d^2)$
$S_5$	$4K \cdot (2ad - 2d^2)$	$4K \cdot (-bd)$	$4K \cdot (ad - 2d^2)$	$4K \cdot (bd - 2d^2)$
$S_6$	$4K \cdot (ad)$	$4K \cdot (-bd)$	$4K \cdot (ad - 2d^2)$	$4K \cdot (bd - 2d^2)$
$S_7$	$4K \cdot (-ad)$	$4K \cdot (-bd)$	$4K \cdot (ad - 2d^2)$	$4K \cdot (bd - 2d^2)$
$S_8$	$4K \cdot (-2ad + 2d^2)$	$4K \cdot (-bd)$	$4K \cdot (ad - 2d^2)$	$4K \cdot (bd - 2d^2)$
$S_9$	$4K \cdot (2ad - 2d^2)$	$4K \cdot (-bd)$	$4K \cdot (ad - 2d^2)$	$4K \cdot (bd - 2d^2)$
$S_{10}$	$4K \cdot (ad)$	$4K \cdot (-bd)$	$4K \cdot (ad - 2d^2)$	$4K \cdot (bd - 2d^2)$
$S_{11}$	$4K \cdot (-ad)$	$4K \cdot (-bd)$	$4K \cdot (ad - 2d^2)$	$4K \cdot (bd - 2d^2)$
$S_{12}$	$4K \cdot (-2ad + 2d^2)$	$4K \cdot (-bd)$	$4K \cdot (ad - 2d^2)$	$4K \cdot (bd - 2d^2)$
$S_{13}$	$4K \cdot (2ad - 2d^2)$	$4K \cdot (2bd - 2d^2)$	$4K \cdot (ad - 2d^2)$	$4K \cdot (bd - 2d^2)$
$S_{14}$	$4K \cdot (ad)$	$4K \cdot (2bd - 2d^2)$	$4K \cdot (ad - 2d^2)$	$4K \cdot (bd - 2d^2)$
$S_{15}$	$4K \cdot (-ad)$	$4K \cdot (2bd - 2d^2)$	$4K \cdot (ad - 2d^2)$	$4K \cdot (bd - 2d^2)$
$S_{16}$	$4K \cdot (-2ad + 2d^2)$	$4K \cdot (2bd - 2d^2)$	$4K \cdot (ad - 2d^2)$	$4K \cdot (bd - 2d^2)$

808

Fig. 9